Card:

US008.01	User Story Name: Identity Management (IdM) Master Veteran Index (MVI) Get Corresponding IDs	Priority: High	
Backlog Item: Identity Management		Story Points:	
Parent Story: None		ClearQuest Number: CQ131 Identity Management MVI	
Remedy Ticket: 584703			
Author/Owner: Jorge Calderon / Functional Analyst			
As a consumer application (BIE or HIE), I want to access health and benefits information for any Client from participating producer DoD and VA applications by providing a Client identifier (such as ICN- Integrated Control Number or EDIPI- Electronic Data Interchange Personal Identification) number.			
Story Revision History:			

Date	Version	Description	Author
08/31/2011	V0.1	Initial creation	Jorge Calderon
08/31/2011	V0.2	Incorporated changes from George Ludgate	Jorge Calderon
09/01/2011	V0.3	Analyst Review	Jorge Calderon
09/09/2011	V0.4	Analyst Review-2nd	Jorge Calderon
9/20/2011	V0.5	Peer Review	Jorge Calderon
10/04/2011	V0.6	Corrected environment information, added more detailed acceptance criteria, de-scoped demographics requirementsfrom this user story.	Jorge Calderon
10/05/2011	V0.7	Changed "Veteran" to "Client", updated ICN maintenance message section, updated Active Source ID information	Jorge Calderon
10/11/2011	V0.8	Tech Writer review	Nancy Burak
10/12/2011	V0.9	Accepted Tech Writer Changes	Jorge Calderon
10/12/2011	V0.9	Sent to VLER for review. No changes.	Don Reick Jorge Calderon
10/26/2011	V0.10	Changed the user story name	Jorge Calderon
11/10/2011	V0.11	Formal HIE review performed. No changes.	Jorge Calderon Joan Cohen
11/17/2011	V0.12	Formal HIE Approval	Sherri Simmons (for Joan Cohen)
12/9/2011	V0.13	Added CQ Number and Remedy Ticket Number.	Janice Clayton
12/9/2011	V0.14	Formal BIE Review started.	Dick Rickard
12/9/2011	V1.0	Formal BIE Approval	Dick Rickard

Conversation:

1. MVI (Master Veteran Index) will be the only system used by the DAS (Data Access Service) for any identity management function. This system was formerly called MPI (Master Patient Index). (See VA Enterprise Requirements Repository (ERR), Identity Management section.)

2. DAS will interface with MVI in the following environments:

BHIE Environments (DAS)	MVI TEST Environment	Location
BHIE Development Environment	MPI DEV	MPI = Albany, NY & BHIE = Silver Spring
BHIE Silver Test Environment	MPI Stage 1B (SQA)	MPI = Bay Pines, FL & BHIE = Silver Spring
BHIE Gold Test Environment	MPI Stage 1A (SQA)	MPI = Bay Pines, FL & BHIE = Silver Spring
BHIE has **no Pre-Prod**	MPI Pre-Prod	Live Patient Data Not Scrambled – MPI = Austin
BHIE Production	MPI Production	MPI = Austin & BHIE = Philadelphia

3. The DAS MVI Component will call MVI to translate a PID (Person Identifier), from ICN to EDIPI or vice versa, as required by DAS to access producers. DAS will only call MVI for translation when a PID is needed by at least one producer that DAS calls and the type of PID supplied by the consumer differs from the type of PID required by the producer (e.g. consumer supplies an ICN but producer requires an EDIPI or consumer supplies an EDIPI and producer requires an ICN).

4. DAS will only perform reads on MVI data, not writes such as Adds, Updates, or Deletes. DAS will not establish PID correlations with the MVI.

5. DAS will not store a cache of MVI correlations.

6. DAS may need to subscribe to ICN maintenance messages from the MVI, if DAS caches documents. Since documents would be cached with the AA (Assigning Authority) and PID, whenever a PID changes, DAS would need to either purge the cache or update the cached documents with the new PID.

7. DAS will call MVI to get a list of correlated identities (Source IDs) based on the consumer application's submitted PID. (Reference MVI Service Definition Document and MVI's Get_Profile.pdf use case.)

8. If the DAS receives an error from the MVI, the DAS will report an HTTP error back to the consumer application. The error codes are from the HTTP 1.1 error code set.

9. If the MVI returns multiple identities for a requested PID, the DAS will submit requests to the necessary producers using each of the identities returned from the MVI and will aggregate the results as needed. While a Client should only have a single EDIPI and a single ICN, the MVI data model does allow for a Veteran to have multiple identifiers of the same type.

10. DAS will use the new interface to MVI which uses the SOAP protocol and HL7v3.0 data standard over HTTP on the VA network.

11. DAS will assume that any PIDs received from consumers are active PIDs. DAS will only query the MVI for current active source IDs (Deprecated PIDs will not be returned from MVI to DAS).

Acceptance Criteria:

1. Consumer applications (BIE or HIE) that send requests to the DAS using **ICN as the PID** will receive all relevant electronically available benefits and health records (from producers specified in DAS ICD candidate ver 1.0) from the DAS whether those benefits and health records were sourced by the DAS using ICN or EDIPI as the PID. The specific scenario to test this is as follows:

    a. A producer (Producer 1) that accepts EDIPI as the PID interfaces with DAS.

    b. Other producer(s) (Producers 2) that accept ICN also interface with DAS.

    c. A Veteran has BIE and/or HIE records from the Producer 1 and at least one of the Producers 2.

    d. A consumer application submits a request to DAS using ICN.

    e. The consumer application receives back the atom feed that contains the BIE and/or HIE records from both Producer 1 and Producers 2. (i.e., BIE and HIE records were returned regardless of the PID type submitted by the consumer application)

2. Consumer applications (BIE or HIE) that send requests to the DAS using **EDIPI as the PID** will receive all relevant electronically available benefits and health records (from producers specified in DAS ICD candidate ver 1.0) from the DAS whether those benefits and health records were sourced by the DAS using ICN or EDIPI as the PID. The specific scenario to test this is as follows:

    a. A producer (Producer 1) that accepts ICN as the PID interfaces with DAS.

    b. Other producer(s) (Producers 2) that accept EDIPI also interface with DAS.

    c. A Veteran has BIE and/or HIE records from the Producer 1 and at least one of the Producers 2.

    d. A consumer application submits a request to DAS using EDIPI.

    e. The consumer application receives back the atom feed that contains the BIE and/or HIE records from both Producer 1 and Producers 2. (i.e. BIE and HIE records were returned regardless of the PID type submitted by the consumer application)

3. The BIE Software Engineering team will demonstrate required functionality in the BHIE development environment (Silver Spring, MD).

4. Required functionality will be demonstrated by the BIE Software Engineering Team in the Silver test environment, only after appropriate and ready participants are available in the same environment.

Constraints:

None at present.

Attachment A – Approval Signatures

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Signed: Date:
Steven Lee Green
BHIE Program Manager

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Signed: Date:
Paul Nichol, M.D.
BHIE Product Owner

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Signed: Date:
Joan Cohen
BHIE Product Owner Representative

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Signed: Date:
Dick Rickard
ISI Program Manager